Fwf	L (m)	E	d (m)	b (m)	Izz	CLM19	20Lsqd (m)	bdsqd (mm)	40Lsqd (m)	CLM25
6.3	0.44	2.07E+11	0.00043	0.006	7.74E-12	0.01585964 tips	3.872	1.1094	7.744	2.85473542
6.3	0.44	2.07E+11	0.00044	0.006068	8.19E-12	0.01498029	3.872	1.174860274	7.744	2.69645264
6.3	0.44	2.07E+11	0.00045	0.006137	8.67E-12	0.01416242	3.872	1.242739726	7.744	2.54923631
6.3	0.44	2.07E+11	0.00046	0.006205	9.16E-12	0.01340083	3.872	1.313079452	7.744	2.41214946
6.3	0.44	2.07E+11	0.00047	0.006274	9.67E-12	0.01269082	3.872	1.385920547	7.744	2.2843485
6.3	0.44	2.07E+11	0.00048	0.006342	1.02E-11	0.01202818	3.872	1.461304109	7.744	2.16507249
6.3	0.44	2.07E+11	0.00049	0.006411	1.08E-11	0.01140908	3.872	1.539271232	7.744	2.05363384
6.3	0.44	2.07E+11	0.0005	0.006479	1.13E-11	0.01083006	3.872	1.619863013	7.744	1.94941016
6.3	0.44	2.07E+11	0.00051	0.006548	1.19E-11	0.01028798	3.872	1.703120547	7.744	1.85183712
6.3	0.44	2.07E+11	0.00052	0.006616	1.26E-11	0.00978001	3.872	1.78908493	7.744	1.76040226
6.3	0.44	2.07E+11	0.00053	0.006685	1.32E-11	0.00930355	3.872	1.877797258	7.744	1.67463945
6.3	0.44	2.07E+11	0.00054	0.006753	1.39E-11	0.00885625	3.872	1.969298628	7.744	1.59412413
6.3	0.44	2.07E+11	0.00055	0.006822	1.46E-11	0.00843594	3.872	2.063630135	7.744	1.51846902
6.3	0.44	2.07E+11	0.00056	0.00689	1.53E-11	0.00804067	3.872	2.160832874	7.744	1.44732036
6.3	0.44	2.07E+11	0.00057	0.006959	1.6E-11	0.00766864	3.872	2.260947942	7.744	1.38035458
6.3	0.44	2.07E+11	0.00058	0.007027	1.68E-11	0.00731820	3.872	2.364016435	7.744	1.31727535
6.3	0.44	2.07E+11	0.00059	0.007096	1.76E-11	0.00698784	3.872	2.470079448	7.744	1.25781092
6.3	0.44	2.07E+11	0.0006	0.007164	1.84E-11	0.00667618	3.872	2.579178078	7.744	1.20171183
6.3	0.44	2.07E+11	0.00061	0.007233	1.92E-11	0.00638194	3.872	2.69135342	7.744	1.14874875
6.3	0.44	2.07E+11	0.00062	0.007301	2.01E-11	0.00610395	3.872	2.80664657	7.744	1.09871066
6.3	0.44	2.07E+11	0.00063	0.00737	2.1E-11	0.00584113	3.872	2.925098625	7.744	1.05140316
6.3	0.44	2.07E+11	0.00064	0.007438	2.19E-11	0.00559248	3.872	3.046750679	7.744	1.00664697
6.3	0.44	2.07E+11	0.00065	0.007507	2.29E-11	0.00535709	3.872	3.171643829	7.744	0.96427659
6.3	0.44	2.07E+11	0.00066	0.007575	2.39E-11	0.00513411	3.872	3.299819171	7.744	0.92413906
6.3	0.44	2.07E+11	0.00067	0.007644	2.49E-11	0.00492274	3.872	3.431317801	7.744	0.8860929
6.3	0.44	2.07E+11	0.00068	0.007712	2.6E-11	0.00472226	3.872	3.566180814	7.744	0.85000711
6.3	0.44	2.07E+11	0.00069	0.007781	2.71E-11	0.00453200	3.872	3.704449307	7.744	0.81576028
6.3	0.44	2.07E+11	0.0007	0.007849	2.82E-11	0.00435133	3.872	3.846164375	7.744	0.7832398
6.3	0.44	2.07E+11	0.00071	0.007918	2.94E-11	0.00417967	3.872	3.991367114	7.744	0.7523411
6.3	0.44	2.07E+11	0.00072	0.007986	3.06E-11	0.00401648	3.872	4.14009862	7.744	0.72296703
6.3	0.44	2.07E+11	0.00073	0.008055	3.18E-11	0.00386126	3.872	4.292399989	7.744	0.69502722
6.3	0.44	2.07E+11	0.00074	0.008123	3.31E-11	0.00371354	3.872	4.448312317	7.744	0.66843757
6.3	0.44	2.07E+11	0.00075	0.008192	3.44E-11	0.00357289	3.872	4.6078767	7.744	0.64311974
6.3	0.44	2.07E+11	0.00076	0.00826	3.57E-11	0.00343889	3.872	4.771134234	7.744	0.61900068
6.3	0.44	2.07E+11	0.00077	0.008329	3.71E-11	0.00331118	3.872	4.938126014	7.744	0.59601226
6.3	0.44	2.07E+11	0.00078	0.008397	3.85E-11	0.00318939	3.872	5.108893136	7.744	0.57409085
6.3	0.44	2.07E+11	0.00079	0.008466	3.99E-11	0.00307321	3.872	5.283476697	7.744	0.55317703
6.3	0.44	2.07E+11	0.0008	0.008534	4.14E-11	0.00296231	3.872	5.461917792	7.744	0.53321521
6.3	0.44	2.07E+11	0.00081	0.008603	4.3E-11	0.00285641	3.872	5.644257517	7.744	0.51415339
6.3	0.44	2.07E+11	0.00082	0.008671	4.46E-11	0.00275524	3.872	5.830536968	7.744	0.49594289
6.3	0.44	2.07E+11	0.00083	0.00874	4.62E-11	0.00265855	3.872	6.020797241	7.744	0.47853811
6.3	0.44	2.07E+11	0.00084	0.008808	4.78E-11	0.00256609	3.872	6.215079432	7.744	0.46189626
6.3	0.44	2.07E+11	0.00085	0.008877	4.95E-11	0.00247765	3.872	6.413424637	7.744	0.44597726
6.3	0.44	2.07E+11	0.00086	0.008945	5.13E-11	0.00239302	3.872	6.615873951	7.744	0.43074343
6.3	0.44	2.07E+11	0.00087	0.009014	5.31E-11	0.00231200	3.872	6.82246847	7.744	0.41615941
6.3	0.44	2.07E+11	0.00088	0.009082	5.49E-11	0.00223440	3.872	7.033249291	7.744	0.40219197
6.3	0.44	2.07E+11	0.00089	0.009151	5.68E-11	0.00216005	3.872	7.248257509	7.744	0.38880985
6.3	0.44	2.07E+11	0.0009	0.009219	5.88E-11	0.00208880	3.872	7.467534221	7.744	0.37598364
6.3	0.44	2.07E+11	0.00091	0.009288	6.08E-11	0.00202048	3.872	7.691120521	7.744	0.36368566
6.3	0.44	2.07E+11	0.00092	0.009356	6.28E-11	0.00195494	3.872	7.919057506	7.744	0.35188983
6.3	0.44	2.07E+11	0.00093	0.009425	6.49E-11	0.00189206	3.872	8.151386272	7.744	0.34057157
6.3	0.44	2.07E+11	0.00094	0.009493	6.7E-11	0.00183171	3.872	8.388147914	7.744	0.32970771
6.3	0.44	2.07E+11	0.00095	0.009562	6.92E-11	0.00177376	3.872	8.62938353	7.744	0.31927637
6.3	0.44	2.07E+11	0.00096	0.00963	7.14E-11	0.00171809	3.872	8.875134213	7.744	0.30925694
6.3	0.44	2.07E+11	0.00097	0.009699	7.37E-11	0.00166461	3.872	9.125441061	7.744	0.2996299
6.3	0.44	2.07E+11	0.00098	0.009767	7.61E-11	0.00161320	3.872	9.380345169	7.744	0.29037685
6.3	0.44	2.07E+11	0.00099	0.009836	7.85E-11	0.00156378	3.872	9.639887634	7.744	0.28148038
6.3	0.44	2.07E+11	0.001	0.009904	8.1E-11	0.00151624	3.872	9.90410955	7.744	0.27292402
6.3	0.44	2.07E+11	0.00101	0.009973	8.35E-11	0.00147051	3.872	10.17305201	7.744	0.2646922
6.3	0.44	2.07E+11	0.00102	0.010041	8.61E-11	0.00142650	3.872	10.44675612	7.744	0.25677017
6.3	0.44	2.07E+11	0.00103	0.01011	8.87E-11	0.00138413	3.872	10.72526297	7.744	0.24914395
6.3	0.44	2.07E+11	0.00104	0.010178	9.14E-11	0.00134334	3.872	11.00861365	7.744	0.24180032
6.3	0.44	2.07E+11	0.00105	0.010247	9.41E-11	0.00130404	3.872	11.29684927	7.744	0.23472674
6.3	0.44	2.07E+11	0.00106	0.010315	9.69E-11	0.00126617	3.872	11.59001091	7.744	0.2279113
6.3	0.44	2.07E+11	0.00107	0.010384	9.98E-11	0.00122968	3.872	11.88813968	7.744	0.22134273
6.3	0.44	2.07E+11	0.00108	0.010452	1.03E-10	0.00119450	3.872	12.19127666	7.744	0.21501031
6.3	0.44	2.07E+11	0.00109	0.010521	1.06E-10	0.00116058	3.872	12.49946296	7.744	0.20890388
6.3	0.44	2.07E+11	0.0011	0.010589	1.09E-10	0.00112785	3.872	12.81273967	7.744	0.20301377
6.3	0.44	2.07E+11	0.00111	0.010658	1.12E-10	0.00109628	3.872	13.13114789	7.744	0.1973308
6.3	0.44	2.07E+11	0.00112	0.010726	1.15E-10	0.00106581	3.872	13.45472871	7.744	0.19184626
6.3	0.44	2.07E+11	0.00113	0.010795	1.18E-10	0.00103640	3.872	13.78352323	7.744	0.18655185
6.3	0.44	2.07E+11	0.00114	0.010863	1.22E-10	0.00100800	3.872	14.11757254	7.744	0.18143967
6.3	0.44	2.07E+11	0.00115	0.010932	1.25E-10	0.00098057 center	3.872	14.45691774	7.744	0.17650221